

## Zankoku

by Arya Akhavan (January 2013)

Angles for R.I. = 1.540

47 + 5 girdles = 52 facets

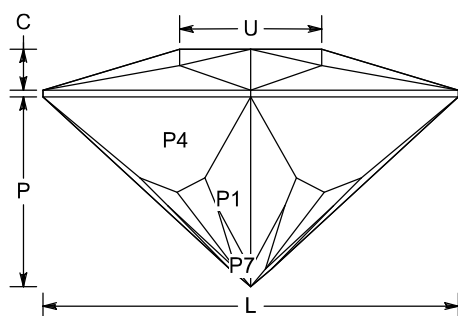
4-fold, mirror-image symmetry

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$L/W = 1.277$   $T/W = 0.503$   $U/W = 0.437$

$P/W = 0.583$   $C/W = 0.126$

$Vol./W^3 = 0.262$



### PAVILION

P1	43.20°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to centerpoint.
G1	90.00°	48	Set stone size.
G2	90.00°	34-62	Meet P1, G1
G3	90.00°	12-84	Meet P1, G2
P4	65.91°	12-84	Level girdle.
P5	65.91°	34-62	Level girdle.
P6	72.31°	48	Level girdle.
P7	42.00°	06-18-30-42-54-66-78-90	Meet P1, P6 (only 4 facets meet)

### CROWN

C1	45.00°	48	Set girdle width.
C3	31.99°	12-84	Level girdle.
C2	27.53°	34-62	Level girdle.
C4	25.66°	36-60	Meet G1, G2, C1, C2
C5	23.25°	10-86	Meet G3, C3
C6	22.62°	14-82	Meet G2, G3, C2, C3
C8	19.74°	12-84	Meet C3, C5, C6
C7	16.74°	24-72	Meet G2, G3, C2, C3, C6
C9	7.49°	34-62	Meet C2, C4, C7; C6, C7, C8
T	0.00°	Table	Meet C1, C9; C5, C8; C6, C7, C8, C9

I started with the side profile of an SRB, and decided to turn that into the girdle outline. By the time I was messing with the crown, I was frustrated. I sincerely hope you suffer while trying to hit all 5 meets on the table.

Works in materials from feldspar to rutile (RI = 1.52 - 2.62) with no changes, but I like this in ST.

Suggested width = 8-12 mm

C:\Users\Arya Desktop\Pictures\Designs (Mine)\Works in Progress\SRB Profile.gem